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|   | Application Number   |  | 10/706,575        |  |  |        |
| TRANSMITTAL   | Filing Date  |  | November 12, 2003 |  |  |        |
| FORM  |  | First Named Inventor                                     |                   | Frank L. Hall  |  | ٦      |
|   |  | Art Unit   |                   | 1725   |  | $\neg$ |
| (to be used for all correspondence after initial filing)  |  | Examiner Name  |                   | S. Heinrich  |  | $\neg$ |
| Total Number of Pages in This Submission 10   |  | Attorney Docket No                                       | umber             | 2269-4718.1US (00-0316.01/US)                            |  | ノ      |
| ENCLOSURES (check all that apply)   |  |  |                   |  |  |        |
| Fee Transmittal Form  | ☐ Drawing(s)   |  |                   | After Allowance Communication to TC                      |  |        |
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|   |  | , o.d. o.d. o. d. o. |                   | of Appeals and Interferences  Appeal Communication to TC |  |        |
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| After Final Office Action dated December 23, 2005   | Petition to Convert to a Provisional Application               |  |                   | Propriet   | ary Information  |        |
| Affidavits/declaration(s)   | Power of Attorney, Revocation Change of Correspondence Address |  |                   | ☐ Status L   | etter  |        |
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| Certified Copy of Priority Document(s)  | Remarks  |  |                   |  |  |        |
| Reply to Missing Parts/   |  |  |                   |  | es required but not submitted<br>37 C.F.R. §§ 1.16 AND 1.17 TO | 5      |
| Incomplete Application Deposit Accou  |  | unt 20-1469 during pen                                   |                   |  |  |        |
| Reply to Missing Parts under 37 CFR1.52 or 1.53   |  |  |                   |  |  |        |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  |  |  |                   |  |  |        |
| Firm  | TraskBritt, P.C.   |  |                   |  |  |        |
| Signature   | Sames R. Deerfe  |  |                   |  |  |        |
| Printed Name  | James R. Duzan   |  |                   |  |  |        |
| Date  | February 23, 2006 Reg.<br>No.                                  |  |                   | 28,393   |  |        |
| CERTIFICATE OF TRANSMISSION/MAILING   |  |  |                   |  |  |        |
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| Signature Ilt W. Kleway   |  |  |                   |  |  |        |
| Typed or printed name Leta M. Howard  |  |  |                   | Date   | February 23, 2006  |        |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of:

Frank L. Hall

**Serial No.:** 10/706,575

Filed: November 12, 2003

For: BALL GRID ARRAY SUBSTRATES

VIA USE OF A LASER (as amended)

Confirmation No.: 6661

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.1US

(00-0316.01/US)

## CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 23, 2006

Leta M. Howard

Name (Type/Print)

## AMENDMENT UNDER 37 C.F.R. § 1.116

MAIL STOP AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Final Office Action mailed December 23, 2005, the three-month shortened statutory period for response to which expires on March 23, 2005. This response is submitted on or before two months from the mailing date of the Final Office Action.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.